

Amendments to the Claims

This listing of the claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended): A direct backlight module, comprising:

a diffuser;

a reflecting plate disposed under the diffuser and having a first reflecting portion, a plurality of second reflecting portions and a plurality of third reflecting portions, wherein the first reflecting portion is disposed between two adjacent ~~to the~~ second reflecting portions and the two adjacent second reflecting portions are disposed between two is adjacent ~~to the~~ third reflecting portions; and

an illumination tube disposed between the diffuser and the reflecting plate and located above the first reflecting portion and between the two adjacent third reflecting portions, wherein the light beams from the illumination tube enter the diffuser directly and via through reflections ~~among~~ from the first reflecting portion, the second reflecting portions and the third reflecting portions.

2. (Currently Amended) The direct backlight module as claimed in claim 1, wherein the height of the third reflecting portions is greater than that of the first reflecting portion.

3. (Currently Amended) The direct backlight module as claimed in claim 1, wherein the first reflecting portion is a curved surface ~~for reducing the ineffective light beams reflected back to the illumination tube.~~

4. (Currently Amended) The direct backlight module as claimed in claim 1, wherein the first reflecting portion is a triangular protrusion ~~for reducing the ineffective light beams reflected back to the illumination tube.~~

5. (Currently Amended) The direct backlight module as claimed in claim 1, wherein the second reflecting portions is are ~~are~~ [[a]] planar surfaces.
6. (Currently Amended) The direct backlight module as claimed in claim 1, wherein the third reflecting portions is are ~~is a~~ triangular protrusions.
7. (Original) The direct backlight module as claimed in claim 1, further comprising a prism disposed on the diffuser.
8. (Original) The direct backlight module as claimed in claim 1, further comprising a diffusing plate disposed on the diffuser.
9. (Currently Amended) A direct backlight module, comprising:
 - a diffuser;
 - a reflecting plate disposed under the diffuser and having a curved surface, a plurality of planar surfaces and a plurality of triangular protrusions, wherein the curved surface is disposed between two adjacent ~~to the~~ planar surfaces and the two adjacent planar surfaces are disposed between two [[is]] adjacent ~~to the~~ triangular protrusions; and
 - an illumination tube disposed between the diffuser and the reflecting plate and located above the curved surface and between the two adjacent triangular protrusions, wherein the light beams from the illumination tube enter the diffuser directly and via ~~through~~ reflections ~~among~~ from the curved surface, the planar surfaces and the triangular protrusions.
10. (Currently Amended) The direct backlight module as claimed in claim 9, wherein the height of the triangular protrusions is greater than that of the curved surface.
11. (Original) The direct backlight module as claimed in claim 9, further comprising a prism disposed on the diffuser.

12. (Original) The direct backlight module as claimed in claim 9, further comprising a diffusing plate disposed on the diffuser.

13. (Currently Amended) A direct backlight module, comprising:

a diffuser;

a reflecting plate disposed under the diffuser and having a first triangular protrusion, a plurality of planar surfaces and a plurality of second triangular protrusions, wherein the first triangular protrusion is disposed between two adjacent ~~to the~~ planar surfaces and the two adjacent planar surfaces are disposed between two ~~[[is]]~~ adjacent ~~to the~~ second triangular protrusions; and

an illumination tube disposed between the diffuser and the reflecting plate and located above the first triangular protrusion and between the two adjacent second triangular protrusions, wherein the light beams from the illumination tube enter the diffuser directly and ~~via~~ through reflections ~~among~~ from the first triangular protrusion, the planar surfaces and the second triangular protrusions.

14. (Currently Amended) The direct backlight module as claimed in claim 13, wherein the height of the second triangular protrusions is greater than that of the first triangular protrusion.

15. (Original) The direct backlight module as claimed in claim 13, further comprising a prism disposed on the diffuser.

16. (Original) The direct backlight module as claimed in claim 13, further comprising a diffusing plate disposed on the diffuser.

17. (New) The direct backlight module of Claim 1, wherein the height of the third reflecting protrusions is greater than the distance between the illumination tube and the first reflective protrusion.

18. (New) The direct backlight module of Claim 9, wherein the height of the triangular protrusions is greater than the distance between the illumination tube and the curved surface.

19. (New) The direct backlight module of Claim 13, wherein the height of the second triangular protrusions is greater than the distance between the illumination tube and the first triangular protrusion.

20. (New) A direct backlight module, comprising:

- a diffuser;

- a reflecting plate disposed under the diffuser having a first reflective surface and a second surface, the first reflective surface comprising:

- a plurality of first reflective protrusions disposed along a longitudinal direction of the reflecting plate;

- at least one second reflective protrusion disposed along the longitudinal direction of the reflecting plate and between adjacent first protrusions;

- an illumination tube disposed along the longitudinal direction of the reflecting plate and between the adjacent first reflective protrusions and above the second reflective protrusion, wherein a portion of light generated by the illumination tube enters the diffuser directly from the illumination tube and a majority of the remaining light from the illumination tube enters the diffuser after being reflected from the first reflective surface that is between the peaks of the adjacent first reflective protrusions.

21. (New) The module of Claim 20, wherein the height of the first reflective protrusions is greater than the height of the second reflective protrusion.

22. (New) The module of Claim 20, wherein the height of the first reflective protrusions is greater than the distance between the illumination tube and the second reflective protrusion.

23. (New) The module of Claim 20, wherein the first reflective protrusions are triangularly shaped.

24. (New) The module of Claim 20, wherein the second reflective protrusion is triangularly shaped.

25. (New) The module of Claim 20, wherein the second reflective protrusion is curved.